

INFORMATION DISCLOSURE STATEMENT BY APPLICANT



Attorney Docket Number	3382-67148-01
Application Number	10/798,874
Filing Date	March 10, 2004
First Named Inventor	Evans
Art Unit	2628
Examiner Name	Jwalant B. Amin

U.S. PATENT DOCUMENTS

Copy of U.S. patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date and submit a copy.

Examiner's Initials*	Cite No. (optional)	Number	Date	Name of Applicant or Patentee
/JA/		5,414,469	5.9.1995	Gonzales et al.
		5,465,118	11.7.1995	Hancock et al.
		5,467,134	11.14.1995	Laney et al.
		5,544,286	8.6.1996	Laney
		5,611,038	3.11.1997	Shaw et al.
		5,699,124	12.16.1997	Nuber et al.
		5,764,296	6.9.1998	Shin
		RE35,910	9.29.1998	Nagata et al.
		5,821,986	10.13.1998	Yuan et al.
		5,828,421	10.27.1998	Boyce et al.
		5,864,637	1.26.1999	Liu et al.
		5,970,173	10.19.1999	Lee et al.
		6,002,801	12.14.1999	Strongin et al.
		6,104,434	8.15.2000	Nakagawa et al.
		6,256,347	7.3.2001	Yu et al.
		6,259,810	7.10.2001	Gill et al.
/JA/		6,389,071	5.14.2002	Wilson

EXAMINER
SIGNATURE:

/Jwalant Amin/

DATE
CONSIDERED:

08/27/2008

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67148-01
Application Number	10/798,874
Filing Date	March 10, 2004
First Named Inventor	Evans
Art Unit	2628
Examiner Name	Jwalant B. Amin

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date and submit a copy.

Examiner's Initials*	Cite No. (optional)	Number	Date	Name of Applicant or Patentee
/JA/		6,418,166	7.9.2002	Wu et al.
		6,499,060	12.24.2002	Wang et al.
		6,510,177	1.21.2003	De Bonet et al.
		6,519,288	2.11.2003	Vetro et al.
		6,600,785	7.29.2003	Nishigori et al.
		6,606,481	8.12.2003	Mitchell et al.
		6,728,317	4.27.2004	Demos
		6,778,711	8.17.2004	Morita
		6,823,014	11.23.2004	Kim
		6,831,951	12.14.2004	Yamada
		6,937,291	8.30.2005	Gryskiewicz
		7,155,055	12.26.2006	Malvar
/JA/		7,242,717	7.10.2007	Li et al.

EXAMINER
SIGNATURE:

/Jwalant Amin/

DATE

CONSIDERED:

08/27/2008

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67148-01
Application Number	10/798,874
Filing Date	March 10, 2004
First Named Inventor	Evans
Art Unit	2628
Examiner Name	Jwalant B. Amin

U.S. PATENT APPLICATION DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date and submit a copy.

Examiner's Initials*	Cite No. (optional)	Number	Date	Name of Applicant or Patentee
/JA/		60/341,674	12.17.2001	Lee et al.
		2002/0009143	1.24.2002	Arye
		2002/0064226	5.30.2002	Bauer et al.
		2002/0154693	10.24.2002	Demos et al.
		2002/0186890	12.12.2002	Lee et al.
		2003/0044076	3.6.2003	Mitchell et al.
		60/488,710	7.18.2003	Srinivasan et al.
		60/501,081	9.7.2003	Srinivasan et al.
		2004/0042549	3.4.2004	Huang et al.
		2004/0213345	10.28.2004	Holcomb et al.
		2004/0218678	11.4.2004	Tardif
		2005/0013373	1.20.2005	Lin et al.
↓		2005/0063471	3.24.2005	Regunathan et al.
/JA/		2008/0019449	1.24.2008	Lin et al.

EXAMINER
SIGNATURE:

/Jwalant Amin/

DATE

CONSIDERED:

08/27/2008

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67148-01
Application Number	10/798,874
Filing Date	March 10, 2004
First Named Inventor	Evans
Art Unit	2628
Examiner Name	Jwalant B. Amin

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/JA/		Japan	JP 4-207684	7.29.1992	Takizawa et al.
/JA/		PCT	WO 00/33581	6.8.2000	Lin et al.
/JA/		Japan	JP 2000-165866	6.16.2000	Takizawa et al.
/JA/		PCT	WO 01/95633	12.13.2001	Panusopone et al.

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/JA/		Aaron, "Wyner-Ziv Coding of Motion Video," Information Systems Laboratory Stanford University, 11 pp. (last modified November 7, 2002).
		Brainard et al., "Composite Television Coding: Subsampling and Interpolation," SMPTE Journal, pp. 717-724 (August 1982).
		Catmull et al., "A Class of Local Interpolating Splines," Computer Aided Geometric Design, Academic Press, pp. 317-326 (1974).
		"DivX Multi Standard Video Encoder," 2 pp. Jan. 24, 2006
		Dufaux et al., "Abstract: Motion-compensated generic coding of video based on a multi resolution data structure," 2 pp. (1993) [downloaded from the World Wide Web on January 25, 2006].
		Einarsson et al., "Mixed Resolution Video Coding for Low Bit-Rate Channels," Proc. Int'l Workshop on Coding Techniques for Very Low Bit-Rate Video: VLBV97, Linköping, Sweden, pp. 77-80 (July 1997).
		ISO/IEC, "ISO/IEC 11172-2, Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to About 1.5 Mbit/s - Part 2: Video," 122 pp. (1993).
		ISO/IEC, "JTC1/SC29/WG11 N2202, Information Technology - Coding of Audio-Visual Objects: Visual, ISO/IEC 14496-2," 329 pp. (1998).
		ITU-T, "ITU-T Recommendation H.261, Video Codec for Audiovisual Services at $p \times 64$ kbits," 25 pp. (1993).
/JA/		ITU-T, "ITU-T Recommendation H.262, Information Technology - Generic Coding of Moving Pictures and Associated Audio Information: Video," 205 pp. (1995).

EXAMINER
SIGNATURE:

/Jwalant Amin/

DATE
CONSIDERED:

08/27/2008

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67148-01
Application Number	10/798,874
Filing Date	March 10, 2004
First Named Inventor	Evans
Art Unit	2628
Examiner Name	Jwalant B. Amin

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/JA/		ITU-T, "ITU-T Recommendation H.263, Video coding for low bit rate communication," 162 pp. (1998).
		ITU, "ITU-T Recommendation H.264: Advanced Video Coding for generic audiovisual services (05/2003)," 281 pp. (2004).
		Iwahashi et al., "A Motion Compensation Technique for Down-scaled Pictures in Layered Coding," IEICE Transactions on Comm., Vol. E77-B, No. 8, pp. 1007-1012 (August 1994).
		Joint Video Team (JVT) of ISO/IEC MPEG and ITU-T VCEG, "Draft of Joint Scalable Video Model JSVM-4 Annex G," JVT-Q201, Nice, France, 166 pp. (October 2005).
		Joint Video Team (JVT) of ISO/IEC MPEG and ITU-T VCEG, "Joint Committee Draft (CD), JVT-C167, 3rd Meeting: Fairfax, Virginia, USA, 142 pp. (May 2002).
		Joint Video Team (JVT) of ISO/IEC MPEG & ITU-T VCEG, "Joint Final Committee Draft (JFCD) of Joint Video Specification," JVT-D157, 207 pp. (August 2002).
		Joint Video Team (JVT) of ISO/IEC MPEG and ITU-T VCEG, "Joint Draft 7 of SVC Amendment (revision 2)," JVT-T201r2, Annex G, Klagenfurt, Austria, pp. i-xvii, 353-540 (October 2005).
		Keys, "Cubic Convolution Interpolation for Digital Image Processing," <i>Computer Graphics</i> , Vol. ASSP-29, No. 6, pp. 1153-60 (December 1981).
		Kwon et al., "Adaptive Bitrate Allocation in Spatial Scalable Video Coding of Fixed Total Bitrate," <i>IEICE Trans. Fundamentals</i> , Vol. E81-A, No. 5, pp. 950-956 (May 1998).
		Microsoft Corporation, "Microsoft Debuts New Windows Media Player 9 Series, Redefining Digital Media on the PC," 4 pp. (September 4, 2002) [Downloaded from the World Wide Web on May 14, 2004].
		Mitchell et al., "Reconstruction Filters in Computer Graphics," <i>Computer Graphics</i> , Vol. 22, No. 4 pp. 221-28 (August 1988).
		Mook, "Next-Gen Windows Media Player Leaks to the Web," <i>BetaNews</i> , 17 pp. (July 2002) [Downloaded from the World Wide Web on August 8, 2003].
		Printouts of FTP directories from http://ftp3.itu.ch , 8 pp. (downloaded from the World Wide Web on September 20, 2005).
		Reader, "History of MPEG Video Compression - Ver. 4.0," 99 pp. (document marked December 16, 2003).
/JA/		Segall, "Study of Upsampling/Downsampling for Spatial Scalability," JVT-Q083, Nice, France, 18 pp. (October 2005).

EXAMINER
SIGNATURE:

/Jwalant Amin/

DATE

CONSIDERED:

08/27/2008

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67148-01
Application Number	10/798,874
Filing Date	March 10, 2004
First Named Inventor	Evans
Art Unit	2628
Examiner Name	Jwalant B. Amin

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/JA/		Sullivan, "Color Format Upconversion for Video Display," JVT-I019, San Diego, 6 pp. (September 2003).
↓		Sullivan et al., "The H.264/AVC Advanced Video Coding Standard: Overview and Introduction to the Fidelity Range Extensions," 21 pp. (August 2004).
		Sullivan, "Position Calculation for SVC Upsampling," JVT-R067, Bangkok, Thailand, 7 pp. (January 2006).
		Sullivan et al., "Position Calculation for SVC Upsampling," JVT-S067, Geneva, Switzerland, 12 pp. (March 2006).
		Sullivan, "Position Calculation for SVC Upsampling," JVT-U067, Hangzhou, China, 7 pp. (October 2006).
		Sun et al., "Unified Solution for Spatial Scalability," JVT-R018, Bangkok, Thailand, 6 pp. (January 2006).
/JA/		Wien, "Variable Block-Size Transforms for Hybrid Video Coding," Dissertation, 182 pp. (February 2004).

EXAMINER SIGNATURE:	/Jwalant Amin/	DATE CONSIDERED:	08/27/2008
---------------------	----------------	------------------	------------

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.